

# M 7.0, 279 km ESE of Tadine, New Caledonia

Origin Time: 2022-03-31 05:44:01 UTC (Thu 16:44:01 local)  
Location: 22.5790° S 170.3537° E Depth: 10.0 km

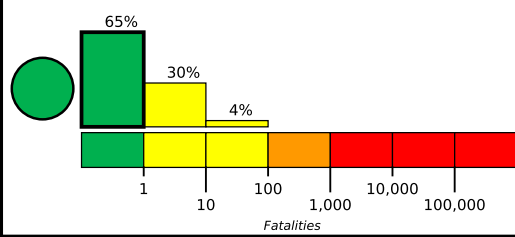
FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](https://tsunami.gov)

Created: 2 hours, 3 minutes after earthquake

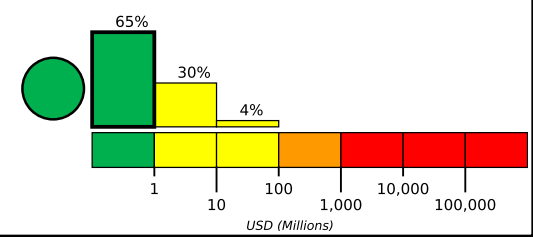
## PAGER Version 3

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



### Estimated Economic Losses

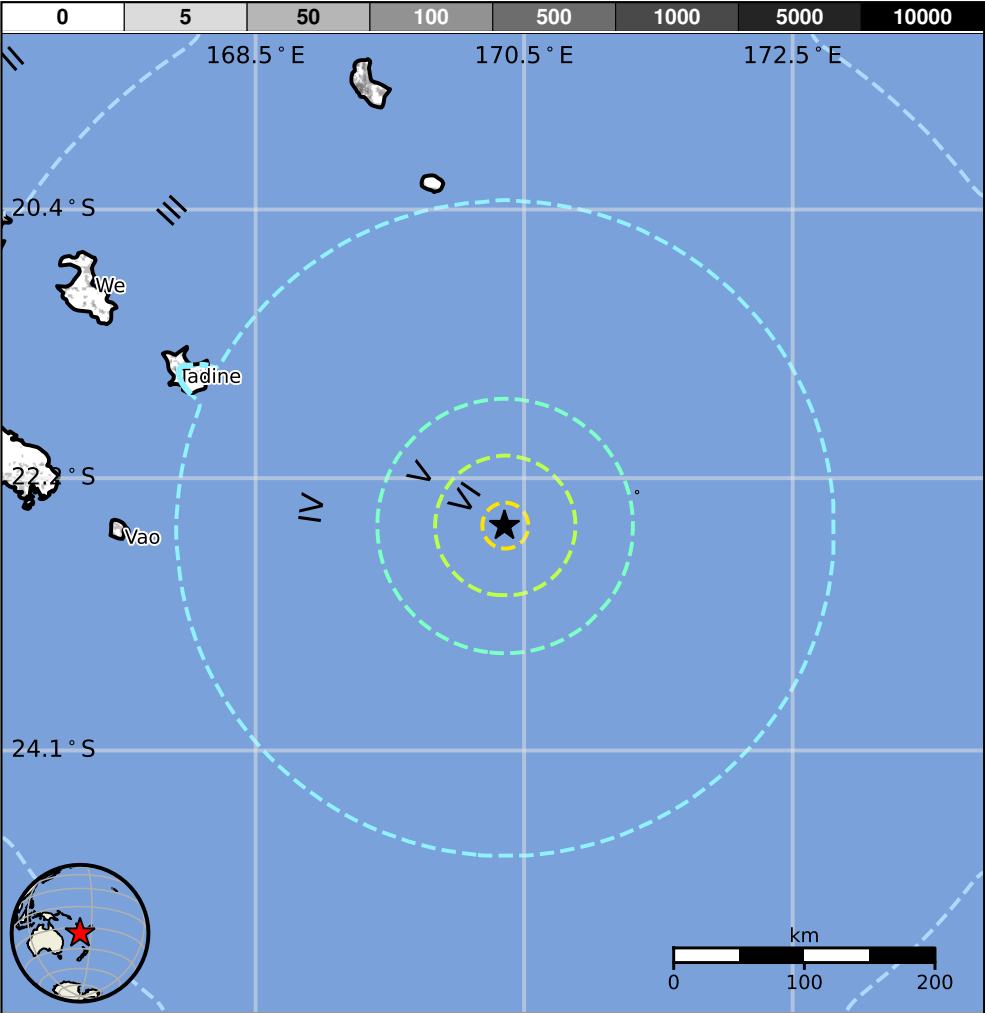


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	68k	3k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are unknown/miscellaneous types and wood construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1980-03-08	112	7.2	I(0)	—
1992-10-19	356	6.1	VII(4k)	—
1973-12-09	300	6.9	VII(10k)	—

Recent earthquakes in this area have caused secondary hazards such as tsunamis that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Isangel	1k
III	Vao	2k
III	Yate-Barrage	2k
III	Tadine	7k
III	We	10k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.  
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000gymk#pager>

bold cities appear on map. (k = x1000)  
Event ID: us7000gymk